

Abstract

An apparatus comprises a dispenser, a coherent energy source and an beam steering system. The dispenser defines a path of a droplet. The beam steering system is coupled to the coherent energy source and is configured to define a beam path of the coherent energy source. The beam path of the coherent energy source is disposable across the dispenser path at an interaction location. The beam steering system and coherent energy source are collectively configured such that at least one of a direction, a velocity and an acceleration of the droplet is modified within the interaction location.